

## **Key Features List**

**21,6" LCD FHD DVB-T/C MPEG4 TV DVD**

**Model: STT-224FDP1**

**Main board: MSD308**

### **PICTURE:**

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### **BRIEF:**

- CCFL FHD LCD panel
- Slim-looking cabinet design (designed by Ed-Design, Finland)
- Sensor touch pad front keyboard
- ATV and DVB-T/C
- MPEG4 decoding
- CI Common Interface
- Media Player (photo, music, video)
- PVR/TSR functionality
- 2xHDMI, 1xUSB connectors
- 2x8W powerful sound (2%THD)
- Wall mounting 100x100mm by VESA standard

### **CABINET:**

- Front cabinet: plastic UV black
- Back cabinet: plastic ordinary black

- Stand: plastic UV black
- Connectors: on the cabinet side

## **PANEL:**

- Panel resolution: 1920 x 1080 pixels (16:9);
- Response time: 5 ms;
- Brightness: 300 nit;
- Contrast ratio: 1000:1
- Viewing angle: 170(H)/160(V);
- Colors: 16,7 M

## **ANALOG TV FUNCTIONS:**

- Analog hyperband terrestrial TV Tuner ( PLL ) E2 - S6(VHF-L), S7 - S41(VHF-H), E21 - E69(UHF) , bandwidth: from 49 to 863 MHz.
- TV Standard PAL / SECAM color system receiving
- Auto color system detection
- BG / DK / I / L and NICAM / A2 STEREO sound system receiving
- Automatic sound system recognition
- TV Standard in video mode PAL / SECAM color system receiving
- 100 program memory
- DNR (Dynamic Noise Reduction )
- 3D Comb Filter
- 3D de-interlacing
- Picture adjustment
- Manual channel tuning
- Manual program labeling
- Automatic channel tuning and store
- Manual programs sorting
- Auto standby mode after 5 minutes, while no input signal
- Picture zoom: 4:3, 16:9 , ZOOM1, ZOOM2
- Picture mode selection
- Volume and Balance control
- Sound mode selection
- OSD (on screen display) high - performance
- Sleep timer
- Blue screen function when no signal
- Full function remote control hand-unit
- Teletext 750 pages
- YPbPr formats: 480i, 576i, 1080i, 480p, 576p, 720p, 1080p
- HDMI 1.3 formats: 480i, 576i, 1080i, 480p, 576p, 720p, 1080p
- VGA max resolution - 1920X1080@60Hz
- Power voltage 220VAC (12VDC optionally)

## **DIGITAL TV FUNCTIONS:**

- DVB-T/C functions:
  - DVB standard: EN 300 744
  - FEC: Reed-Solomon 1/2, 2/3, 3/4, 5/6, 7/8
  - Modulation: COFDM QPSK, 16QAM, 64QAM
  - FFT size: 2k, 8k;
  - Guard interval: 1/32, 1/16, 1/8, 1/4

- DVB definition:
  - SD 576p
- DVB FTA TV reception;
- DVB FTA Radio reception;
- Video decoding:
  - MPEG-2 MP@ML
  - MPEG-4 H.264
- Audio decoding:
  - MPEG-1/MPEG-2 layers 1, 2
- CA (Conditional Access) functions:
  - CI (Common Interface)
  - DVB scrambled TV reception (with external CI CAM module) ;
  - DVB scrambled Radio reception (with external CI CAM module);
- EPG 7days;
- Real time clock EPG timer;
- Country setting;
- Subtitles;
- LCN (Logical Channel Number);
- DVB Teletext (optional);
- MHEG-5 (optional).

## **DVD FUNCTIONS:**

- Compatibility of Disc: CD, HDCD , VCD , DVD, DVD+R, DVD-R, DVD+RW, DVD+RW
- Multimedia formats: JPEG, MP3, WMA, MPEG-1, MPEG-2, MPEG-4, DIVX3.xx , DIVX5.11 ;

## **MEDIA FUNCTIONS:**

- USB Media player:
  - Photo (JPG, JPEG)
  - Music (MP3, WMA)
  - Video (MPEG1, MPEG2, AVI);
- USB PVR
  - Manual program recording
  - Program recording by EPG timer
  - TSR (Time Shift Recording)
- USB storage device:
  - Flash memory stick
  - HDD
- USB SW update

## **INPUT/OUTPUTS:**

- |                            |                              |
|----------------------------|------------------------------|
| • HDMI1.3:                 | 2x connectors                |
| • USB2.0:                  | 1x connector                 |
| • VGA video input:         | 1x 15D-SUB connectors        |
| • VGA audio input:         | 1x 3.5mm mini-jack connector |
| • CI:                      | 1x PCMCIA connector          |
| • AV audio/video input:    | 1x 3.5mm mini-jack connector |
| • YPrPb (component) input: | 1x 3.5mm mini-jack connector |
| • HP (Headphones):         | 1x 3.5mm mini-jack connector |
| • RF aerial input:         | 1x connector                 |

- SCART 1x connector
- 12VDC 1xconnector for external 12V power

## LOCAL CONTROL:

- Front sensor (touchpad) keyboard:
  - 9 keys: PLAY/PAUSE, EJECT, SOURCE, CH-, CH+, VOL-, VOL+, MENU, POWER
- 220VAC power switch
- Full-function IR remote control

## POWER SAVINGS:

- Power consumption in standby mode: <1W
- Power consumption in power off mode: 0 W
- Auto standby, while no signal within: 5 minutes
- Max power consumption: 60 W

## OSD LANGUAGES:

- |             |              |              |           |
|-------------|--------------|--------------|-----------|
| • Bulgarian | • French     | • Norwegian  | • Spanish |
| • Croatian  | • German     | • Polish     | • Swedish |
| • Czech     | • Greek      | • Portuguese | • Dutch   |
| • Danish    | • Hungarian  | • Romanian   | • Serbian |
| • English   | • Italian    | • Russian    |           |
| • Estonian  | • Latvian    | • Slovakian  |           |
| • Finnish   | • Lithuanian | • Slovenian  |           |

## QUALITY PARAMETERS:

- Approved certificates: EMC, EMI, LVD, RoHS, PAH, VDE
- Approved standards: DVB, Nordig2.0, DTG

## DIMENSIONS:

- Max dimensions: 536 x 65 x 346 mm (without stand)
- Max dimensions: 536 x 180 x 380 mm (with stand)

## NET WEIGHT:

- 4,8 kg